

Catalog Number	
Notes	Type

FEATURES & SPECIFICATIONS

INTENDED USE—Use in high-mounting heights that require high efficiencies and horizontal illumination. Ideal for general manufacturing areas, storage areas and warehouse aisles where color is critical.

CONSTRUCTION—Housing—Heavy-duty, die-cast aluminum halves. Ballast and electrical components are heat-sinked and horizontally opposed. Integral splice box mounting flange ensures structural integrity.

FINISH—Electrostatically applied white polyester powder paint.

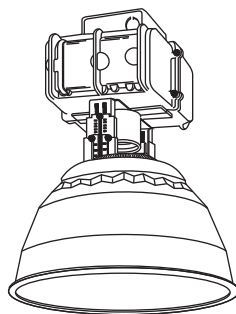
OPTICAL SYSTEM—High-efficiency, anodized, spun aluminum reflector features exclusive fluted design that minimizes color shift. Self-cleaning ventilated design carries contaminants out of the top of the reflector. Optical system is adjustable and accommodates the full range of light distributions.

ELECTRICAL SYSTEM—Ballast: All ballasts are 100% factory tested. HPS: Constant wattage autotransformer; MH: Super CWA Pulse Start ballasts, 88% efficient and EISA legislation compliant, are required for 250-450W (must order SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside the US. Socket: Vertically oriented mogul base PROTECTED EXCLUSIONARY base "PINK" socket with copper alloy nickel plated screw shell and center contact. For use with "O" rated protected metal halide lamps only.

INSTALLATION—Pendant Splice Box—Removable cast-aluminum box slides on integral die-cast aluminum housing mounting flange and mounts to 3/4" pendant conduit prior to ballast housing installation. Matching wire access cover accepts RELOC® modular wiring. Complete assembly meets or exceeds UL 50-pound pull test.

Optic Mounting—Adjustable reflector mounting brackets are progressively die-formed of 18-gauge galvanized steel.

LISTINGS—UL listed -30°C to 55°C ambient operations & damp locations. High ambient (HA option) option of 65°C available. UL Listed to US and Canadian safety standards (see Options). NOM Certified (see Options).



Open High Bay Industrial Lighting

TH A16

ALUMINUM OPTICAL

Protected Metal Halide
175W to 450W
High Pressure Sodium
70W to 400W

18' to 30' mounting

Specifications

Overall height: 17-1/4 to 20 (43.8 to 50.8)

Width: 16 (40.6)

Weight: 24.2 lbs (11 kg)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: TH 400MP A16 277 SCWA

TH		A16						Options	
Series	Reflector	Voltage	Ballast ⁶						
TH	A16	120		<p>NOTE: For shipments to U.S. Territories, SCWA must be specified to comply with EISA.</p> <p>SCWA Super constant wattage autotransformer</p> <p>RLB Regulated lag ballast SCWI Isolated SCWA⁵ (blank) Standard magnetic ballast⁵ CWI Constant wattage isolated⁵ MRB Magnetic regulator ballast</p> <p>Shipped installed in fixture</p> <p>SF Single fuse (120, 277, 347V)⁷ DF Double fuse (208, 240, 480V)⁷ EC Emergency circuit^{8,9} QRS Quartz restrike system^{8,9} QRSTD QRS time delay^{8,9} HA 65°C ambient operation CR Corrosion-resistant finish TOB Through-wire outlet box TOBP Through-wire outlet box plug-in⁷ PBP Pendant box plug-in⁷ LCPP Loop, cord, plug requires TPH, PPH⁷ LC3P Loop, 3' cord, 15A NEMA twistlock plug^{7,10} HC3P Hook, 3' cord, 15A NEMA twistlock plug^{7,10} LOCS Loop, 5' white cord, RELOC OCS^{7,11} HOCS Hook, 5' white cord, RELOC OCS^{7,11}</p>					
Wattage/lamp	A16	208 ^{1,2} 240 ^{1,2,3} 277 347 480 ^{1,2} TB⁴							
High pressure sodium									
70S 150S 250S									
100S 200S 400S									
Protected metal halide									
175MP ¹³ 250MP ¹³ 400MP¹³									
200MP 320MP 450MP ¹³									
350MP ¹³									
Protected metal halide - Title 20¹⁴									
200MP 320MP									

Accessories

Order as separate catalog number.

HKF	Fixture hook female
LPF	Fixture loop female
SCK	60" safety chain kit
SMB	Single-mounting bar (consult factory)
TMB	Twin-mounting bar (consult factory)
HKM	Fixture hook male
HKMG	Grommeted fixture hook male
LPM	Fixture loop male
LPMG	Grommeted fixture loop male
TPH	Through-wire power hook
PPH	Pendant power hook
WGA16	Wireguard
DCY	Cylinder shade
DSQ	Square shade
DHX	Hexagonal shade

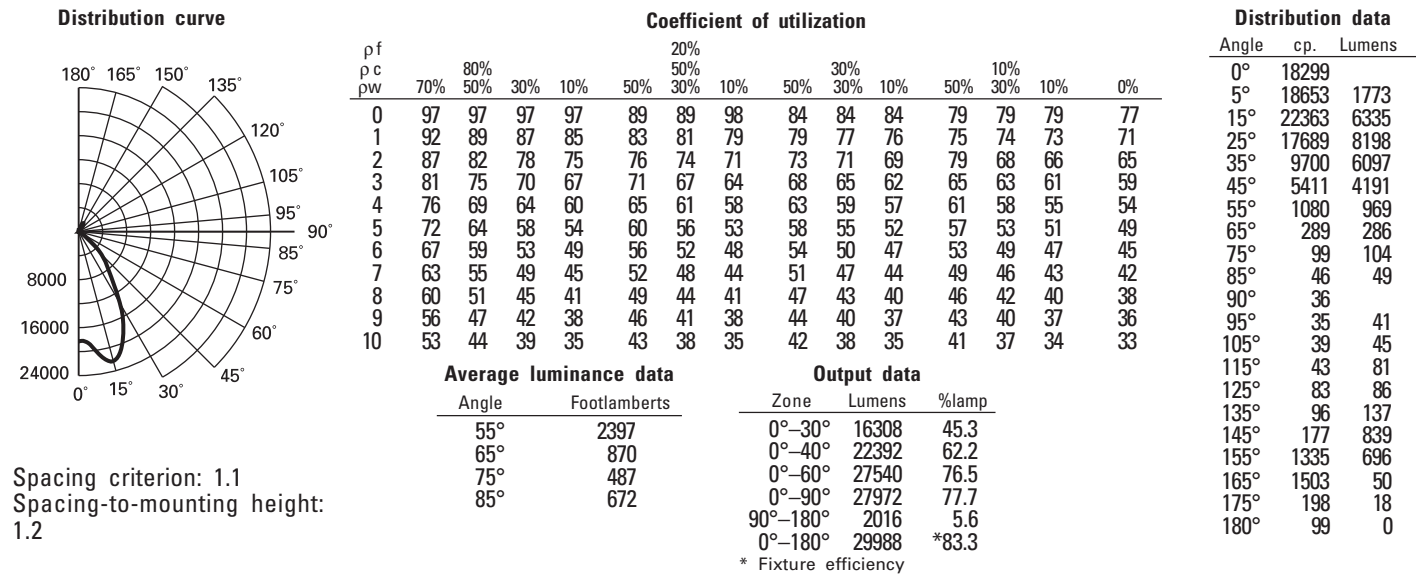
NOTES:

- Requires CWI or RLB option in Canada for MH. Available in 175-400W.
- Requires CWI or MRB option in Canada for HPS. Available in 70-400W.
- 220V and 240V 50Hz and 60Hz ballasts available for use with U.S. metal halide lamps.
- Optional multi-tap ballast (120, 208, 240, 277V). For voltage specific options specify tap position (TB1=120V, TB2=208V, TB3=240V, TB4=277V).
- Available for shipments outside of U.S. only.
- For specific ordering information, see Product Selection Guide.
- Must specify voltage or tap position.
- Lamp not included.

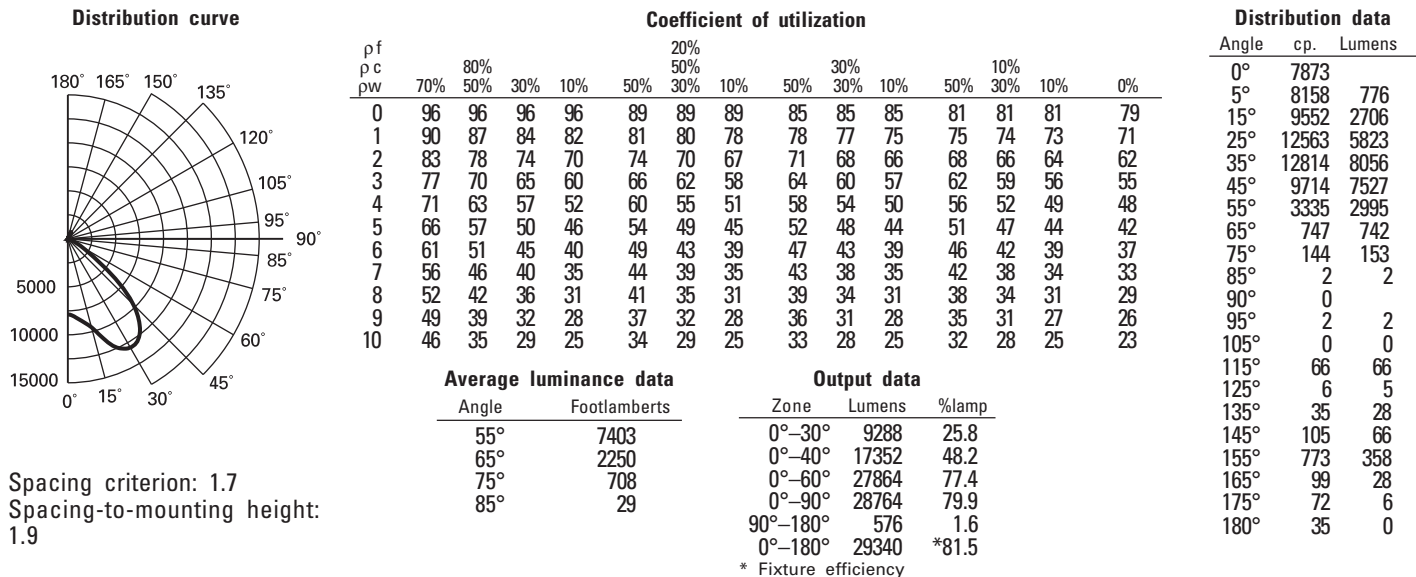
- See Product Selection Guide (QRS Lamp Wattage Table) for maximum lamp wattage.
- 20A standard 480V.
- May be ordered with 10', 15' and 20' cords. For black cord, specify **BK** (i.e. **HOCBSBK**).
- When using RELOC with KiloWatch, LOCU or HOCU option must be used with TAP1KW, TAP3KW or TAP13KW. Consult factory for 208, 240, 480V.
- In order to comply with California Title 20 regulations for metal halide fixtures, these metal halide wattages must be ordered with KW1S option for sale to California.
- These wattages comply with California Title 20.

TH A16 High Bay

TH 400MP A16 SCWA, leg position 10, 400W, clear metal halide lamp, 36,000 rated lumens. Test No. 17421.



TH 400MP A16 SCWA, leg position 6, 400W, clear metal halide lamp, 36,000 rated lumens. Test No. 17426.



Other distributions are available. Consult factory.